

BLANKET PURCHASE ORDER

STATE OF MARYLAND

***** STATE OF MARYLAND *****

BPO NO: 001B9400312

PRINT DATE: 01/09/19

PAGE: 01

SHIP TO:

AS SPECIFIED ON INDIVIDUAL ORDERS

VENDOR ID:

OZARK MATERIALS LLC
591 GLENDALE AVE

GREENVILLE, AL
(334) 371-2309

36037

REFER QUESTIONS TO:

IRIS LESTER BELL
(410) 767-4612
IRIS.LESTER@MARYLAND.GOV

ITB: 001IT820914

EXPR DATE: 01/03/21
POST DATE: 01/07/19

DISCOUNT TERMS: .
CONTRACT AMOUNT:

NET 30 DAY
.00

TERMS:

ARTICLES HEREIN ARE EXEMPT FROM MARYLAND SALES AND USE TAXES BY EXEMPTION CERTIFICATE NUMBER 3000256-3 AND FROM FEDERAL EXCISE TAXES BY EXEMPTION NUMBER 52-73-0358K. IT IS THE VENDOR'S RESPONSIBILITY TO ADVISE COMMON CARRIERS THAT AGENCIES OF THE STATE OF MARYLAND ARE EXEMPT FROM TRANSPORTATION TAX.

STATEWIDE CONTRACT FOR
TRAFFIC PAINT

CONTRACT TERM: JANUARY 3, 2019 THROUGH FEBRUARY 3, 2021 (2 YEARS)

THIS CONTRACT CAN BE RENEWED UNILATERALLY FOR THREE, ONE (1) YEAR
RENEWAL OPTIONS WITH THE SAME PRICE TERMS AND CNNDITIONS

VENDOR CONTACT: MR. MICHAEL DEAN (334) 371-2300
BIDS@OZARKMATERIALS.NET

<u>LINE #</u>	<u>STATE ITEM ID</u>	<u>U/M</u>	<u>UNIT COST</u>	
0001	63066-000000	GL	8.5400	
PAINTS, TRAFFIC				
PAINT, TRAFFIC AS PER ATTACHED SPECIFICATIONS FOR YELLOW TRAFFIC PAINT				

BLANKET PURCHASE ORDER

STATE OF MARYLAND

***** STATE OF MARYLAND *****

BPO NO: 001B9400312

PRINT DATE: 01/09/19

PAGE: 02

<u>LINE #</u>	<u>STATE ITEM ID</u>	<u>U/M</u>	<u>UNIT COST</u>	
0002	63066-000000	GL	8.4500	

PAINTS, TRAFFIC

PAINT, TRAFFIC AS PER ATTACHED SPECIFICATIONS FOR WHITE TRAFFIC
PAINT

END OF ITEM LIST

THIS PROCUREMENT WAS CONDUCTED AS A COMPETITIVE SEALED BID. THE
AWARD WILL BE TO THE LOWEST RESPONSIVE AND RESPONSIBLE BIDDER
(BASIS FOR AWARD).

VENDOR MUST INCLUDE THE 9-DIGIT ZIP CODE OF COMPANY ADDRESS ON ALL
INVOICES. FAILURE TO DO SO MAY RESULT IN DELAY OF PAYMENT.

ALL PRODUCTS USED IN PACKING TO CUSHION AND PROTECT DURING THE
SHIPMENT OF COMMODITIES ARE TO BE MADE OF RECYCLED, REYCLABLE,
AND/OR BIODEGRADABLE MATERIALS.

ELECTRONIC PROCESSING FEE

1.

CONTRACTOR SHALL PAY A PROCESSING FEE TO THE STATE IN THE AMOUNT OF
ONE PERCENT (1%) OF THE TOTAL CONTRACT SALES. THE PROCESSING FEE IS
CALCULATED BASED ON ALL SALES TRANSACTED UNDER THE CONTRACT, MINUS,
ANY RETURNS OR CREDITS. THE PROCESSING FEE SHALL NOT BE CHARGED
DIRECTLY TO THE CUSTOMER, E.G., AS A SEPARATE LINE ITEM, FEE OR SUR-
CHARGE, BUT SHALL BE INCLUDED IN THE CONTRACTS UNIT PRICES

2.

THE PROCESSING FEE SHALL BE SUBMITTED TO THE DEPARTMENT OF GENERAL
SERVICES, FISCAL SERVICES DIVISION, 301 W. PRESTON STREET, ROOM 1309,
BALTIMORE, MARYLAND., 21201, WITHIN TEN (10) CALENDAR DAYS FOLLOWING
THE END OF EACH CALENDAR MONTH ALONG WITH A MONTHLY USAGE REPORT
DOCUMENTING ALL CONTRACT SALES. AN EXCEL VERSION OF THE MONTHLY USAGE
REPORT SHALL ALSO BE EMAILED TO THE PROCUREMENT OFFICER AND THE
ACCOUNTANT, AWAWU SALAKO, AT AWAWU.SALAKO@MARYLAND.GOV

3.

FAILURE TO REMIT PROCESSING FEES IN A TIMELY MANNER OR REMITTANCE
OF FEES INCONSISTENT WITH THE CONTRACT'S REQUIREMENT MAY RESULT
IN THE STATE EXERCISING ALL RECOURSE AVAILABLE UNDER THE CONTRACT
INCLUDING, BUT NOT LIMITED TO, A THIRD PARTY AUDIT OF ALL CONTRACT
ACTIVITY. SHOULD AN AUDIT BE REQUIRED BY THE STATE, THE CONTRACTOR
SHALL REIMBURSE THE STATE FOR ALL COSTS ASSOCIATED WITH THE AUDIT

*** CONTINUED, NEXT PAGE ***

BLANKET PURCHASE ORDER

STATE OF MARYLAND

***** STATE OF MARYLAND *****

BPO NO: 001B9400312

PRINT DATE: 01/09/19

PAGE: 03

TERMS (cont'd):

UP TO \$10,000.00 OR ONE (1%) PERCENT OF THE CONTRACT'S ESTIMATED ANNUAL VALUE, WHICH EVER IS HIGHER.

C O N T R A C T

AVAILABLE TO: DESIGNATED AGENCY ONLY ()
 ALL STATE OF MARYLAND AGENCIES (X)
 STATE AGENCIES AND POLITICAL SUBDIVISIONS ()

***** LAST PAGE *****

AUTHORIZED BY: _____ DATE: _____

BUYER AUTHORIZED DESIGNEE



THE DURABLE ADVANTAGE

Ozark Materials' waterborne traffic paint is environmentally friendly, durable and formulated for use in a wide-range of applications. For streets and highways, rural roads, parking lots, and airfields, Ozark Materials' waterborne paint can be applied from temperatures as low as 35° F to as high as 120° F. The waterborne paint is suitable for applications on both bituminous and concrete roadways, can be sprayed with either airless or conventional spray equipment, and is available in all specifications and colors.

JUST THE FACTS...

- Superior durability
- Excellent adhesion
- Environmentally friendly
- Applied with conventional or airless spray equipment
- Fast drying
- No thinning for application
- Remains flexible over time

400 Series Regular Dry

- Great for parking lots and air field marking
- Low VOC formula with excellent atomization
- Durable, abrasion resistant finish dries within 30 minutes

500 Series Fast Dry

- Proven low VOC waterborne acrylic durability
- For use under adverse conditions--night striping, high traffic and high humidity
- Minimizes traffic control when restriping, dries to no track in under 3 minutes at 15 wet mils with glass beads applied at 77° F and humidity above 75%

600 Series High Build

- Increased durability through greater film thickness (30 mil)
- Flexible paint film to withstand road expansion and contraction
- Greater retro-reflectivity with the ability to use larger gradation beads
- No track (field) in less than 3 minutes at 77° F (25° C) and low humidity

700 Series Cold Weather

- Designed to cure in temperatures as low as 35° F
- No track (field) in less than 10 minutes at temperatures 37° F (3° C) and rising
- No switching to solvent systems in cold climates, use from early spring through late fall
- 15 mils wet application
- Extends striping season

SPECIFICATIONS

- Meets Federal Std. 141D and American Standard
- Meets or exceeds FS TTP-1952F (Type I, II, III, IV)

COVERAGE

100 sq ft/gallon at 15 mil wet film
300 LF of 4" line/gallon at 15 mil wet film

PACKAGING

1 gallon can
5 gallon pail
55 gallon drum
275 gallon tote

SDS available upon request



SURFACE PREPARATION

Before applying coatings, the surface should be clean and dry; coating performance is in direct proportion to the quality of the surface preparation. The surface must be free of oil, grease, gasoline and moisture.

APPLICATION

- **DO NOT MIX WITH WATER** - this product comes ready mixed
- Do not apply when the temperature is below 50° F, except Type IV which can be applied as low as 35° F
- Do not heat coating in striping system above 140° F
- Do not apply first coat over fresh asphalt at more than 7 mils wet
- New asphalt and concrete must be allowed to cure for a minimum of 30 days before application of product
- Do not leave water, or water mixed with non-subsiding cleaner, for more than 24 hours in spray equipment
- Use a mixture of glycol solution and water for storing spray equipment longer than 72 hours
- Surface temperature must be at least 5° F above dew point to prevent condensation
- Drop on Beads (Type I): usually parking lots do not require the use of glass beads, however if they are required, drop-on glass beads are applied at the rate of 3 to 4 pounds per gallon for parking lots and 6 to 8 pounds per gallon for standard road

MIXING

To get an even coverage of paint pigment, the paint should be agitated for 5 to 10 minutes. If necessary, strain the paint and remove any skins before mixing. Do not attempt to mix hardened paint films with liquid paint.

CLEAN UP

Immediately clean all equipment after use with fresh water to remove any partially dried material. If paint is dry, a solvent may be necessary, but be careful not to contaminate waterborne paints with solvents.

SAFETY PRECAUTIONS

For industrial use only. Not for residential use. See and read SDS and product labels before use. Safety precautions must be strictly followed during storage, handling and use.

SHELF LIFE

Waterborne paints are best utilized within three months of delivery, but remain usable for up to 12 months.

LET'S GET TECHNICAL...

Typical Values: (modified for various specifications)

Property	400 Series	500 Series	600 Series	700 Series
Pigment, % by weight (+/-2%)	61	61	61	58
Total Solids % by weight (+/-2%)	76	77	77	76
Nonvolatile Vehicle % by weight (+/-2%)	38	40	40	40
Weight per gallon, lbs (+/-0.3)	14.0	14.0	14.0	13.80
Viscosity@ 77° F, KU	80-95	80-95	80-95	80-90
Grind (Hegman Gauge) Minimum	3	3	3	3
Contrast Ratio 5 mil wet, Minimum	0.95	0.95	0.95	0.95
Directional Reflectance% (White) 15 mil wet, Minimum	87	87	87	87
Directional Reflectance% (Yellow) 15 mil wet, Minimum	50	50	50	50
Field Dry Time No track time @ ambient conditions, minutes	1-3	1-2	1-2	3-10
VOC g/l, maximum	100	100	100	100

WARRANTY

Ozark Materials, LLC, warrants to the purchaser that this product shall be manufactured without defects. This limited warranty covers material replacement only. The shelf life shall be six months from the date of manufacture when stored properly. Excluded from coverage is labor, any damage to the application surface or any failure of the coating caused other than by defects in the material.

WATERBORNE PAINT

Revised Date: 07-23-2015 Supersedes: 09-23-2014

1. Identification

Product identifier	WATERBORNE PAINT
Synonyms	Road Marking Paint, Traffic Marking Paint
Recommended use	Traffic Marking
Recommended restrictions	None known
General Assistance	334-213-2995
E-Mail	contact@ozarkmaterials.net
Contact Person	Derron Henderson
Emergency Telephone	404-786-1277

2. Hazard(s) Identification

Physical hazards	None known	
Health hazards	Acute toxicity, oral	Category 4
	Acute toxicity, dermal	Category 3
	Acute toxicity, inhalation	Category 3
	Serious eye damage/eye irritation	Category 2A
	Germ cell mutagenicity	Category 2
	Carcinogenicity	Category 1A
	Specific target organ toxicity, single exposure (lungs, liver, kidney, central nervous system)	Category 1
	Specific target organ toxicity, repeated exposure (lungs)	Category 1

Label elements



Signal word

Danger

Hazard statement

Harmful if swallowed. Toxic in contact with skin or if inhaled. Causes serious eye irritation. Suspected of causing genetic defects. May cause cancer. Causes damage to lungs, liver, kidney, central nervous system. Causes damage to lungs through prolonged or repeated exposure.

Precautionary statement

Prevention

Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray.

Response

IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth.
IF ON SKIN: wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Take off immediately all contaminated clothing & wash it before reuse.
IF INHALED: Remove victim to fresh air & keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present & easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If exposed or concerned: Call a POISON CENTER or physician.

Storage	Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Calcium carbonate	1317-65-3	0-65
Titanium dioxide	13463-67-7	0-10
Methanol	67-56-1	0-7
Carbon black	1333-86-4	0-4
Propylene Glycol	57-55-6	0-4
Quartz	14808-60-7	0.07-0.3

The criteria for listing components in the composition are as follows: Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater. Non-hazardous components may be listed at 3.0% or greater if not proprietary in nature. This is not intended to be complete compositional disclosure. Refer to section 15 for applicable states right-to-know and other regulatory information.

4. First-aid measures

Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
Skin contact	Wash off immediately with plenty of water. Remove & wash contaminated clothing before reuse. If symptoms persist, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. If symptoms persist, call a physician.
Most important symptoms/effects, acute and delayed	Respiratory and lungs disorders. Skin disorders. Liver disorders. Kidney disorders. Central nervous system problem depression.
Indication of immediate medical attention & special treatment needed	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

5. Fire-fighting measures

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Combustion products may include and are not limited to Carbon oxides (COx), Nitrogen oxides (NOx).
Special protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment & emergency procedures

Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

Environmental precautions

Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Use personal protective equipment. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Clean up promptly by sweeping or vacuum. Keep in suitable and closed containers for disposal.

7. Handling and storage**Precautions for safe handling**

Ensure adequate ventilation. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep in properly labeled containers. Keep out of the reach of children.

8. Exposure controls/personal protection**Occupational exposure limits****US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Components	Type	Value
Calcium carbonate (CAS#1317-65-3)	PEL(TWA)	15 mg/m ³ (total dust), 5 mg/m ³ (respirable)
Titanium dioxide (CAS#13463-67-7)	PEL(TWA)	15 mg/m ³
Methanol (CAS# 67-56-1)	PEL(TWA)	260 mg/m ³
Carbon black (CAS#1333-86-4)	PEL(TWA)	3.5 mg/m ³
Quartz (CAS#14808-60-7)	PEL (TWA)	0.1 mg/m ³ (vacated)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Calcium carbonate (CAS#1317-65-3)	8-hour TWA	15 mg/m ³ (total dust), 5 mg/m ³ (respirable)
Titanium dioxide (CAS#13463-67-7)	8-hour TWA	15 mg/m ³ (total dust)
Methanol (CAS# 67-56-1)	8-hour TWA	260 mg/m ³
Carbon black (CAS#1333-86-4)	8-hour TWA	3.5 mg/m ³

US. OSHA Table Z-2 (29 CFR 1910.1000) None of the components in this product is listed.

US. OSHA Table Z-3 Mineral dusts (29 CFR 1910.1000)

Components	Type	Value
Quartz (CAS#14808-60-7)	TWA	<u>10 mg/m³</u> (respirable) %SiO ₂ +2 <u>30 mg/m³</u> (Total dust) %SiO ₂ +2

US. ACGIH Threshold Limit Values

Components	Type	Value
Titanium dioxide (CAS#13463-67-7)	TLV(TWA)	10 mg/m ³ (total dust)
Methanol (CAS# 67-56-1)	TLV(STEL)	250 ppm
Carbon black (CAS#1333-86-4)	TLV(TWA)	3 mg/m ³ (Inhalable)
Quartz (CAS#14808-60-7)	TLV(TWA)	0.025 mg/m ³ (respirable)

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Calcium carbonate (CAS#1317-65-3)	REL(TWA)	10 mg/m ³ (total dust), 5 mg/m ³ (respirable)
Methanol (CAS# 67-56-1)	REL(TWA)	260 mg/m ³

Carbon black (CAS#1333-86-4)
Quartz (CAS#14808-60-7)

REL(TWA)
REL(TWA)

3.5 mg/m³
Ca 0.05 mg/m³ (respirable dust)

Appropriate engineering controls

Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

Individual protection measures, such as personal protective equipment



Eye/face protection

Wear protective eyewear (safety glasses).

Skin protection

Hand protection

Protective gloves.

Other

Impervious clothing. Dispose of contaminated gloves after use in accordance with applicable laws and good work hygiene practices.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Provide regular cleaning of equipment, work area and clothing. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs.

9. Physical and chemical properties

Appearance

Physical state	Emulsion
Form	Liquid
Color	White, Yellow, Black, Blue, Green, Red
Odor	Slight, Ammonia
Odor threshold	Not Available
pH	Not Available
Melting point/freezing point	Not Available
Initial boiling point and boiling range	Not Available
Flash point	> 201°F (>93.8°C)
Evaporation rate	Not Available
Flammability (solid, gas)	Not flammable
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not Available
Flammability limit – upper (%)	Not Available
Explosive limit - lower (%)	Not Available
Explosive limit - upper (%)	Not Available
Vapor pressure	Not Available
Vapor density	Not Available
Relative density (specific gravity)	1.55 - 1.75
Solubility(ies)	
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available

Viscosity

Not Available

10. Stability and reactivity

Reactivity	Not Available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Acids, strong oxidizing agents.
Hazardous decomposition Products	Carbon oxides. Nitrogen oxides (NOx).

11. Toxicological information**Information on likely routes of exposure**

Ingestion	Harmful if swallowed. May cause blindness if swallowed. May cause additional affects as listed under "Inhalation".
Inhalation	Toxic if inhaled. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and in-coordination. Sanding and grinding dust may be harmful if inhaled.
Skin contact	Toxic in contact with skin. May cause irritation.
Eye contact	Causes serious eye irritation.
Symptoms related to the physical, chemical & toxicological characteristics	Respiratory and lungs disorders. Skin disorders. Liver disorders. Kidney disorders. Central nervous system depression.
Delayed & immediate effects & also chronic effects from short- and long-term exposure	Inhalation exposure to respirable levels of crystalline silica may cause respiratory impairment and lung damage. Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1). Inhalation, ingestion, or skin absorption of methanol can cause blindness.

Numerical measures of toxicity

Components	Test	Species	Test Results
Titanium dioxide (CAS#13463-67-7)	Oral LD ₅₀	Rat	>5000 mg/kg
	Inhalation LC ₅₀	Rat	>3.43 mg/l
Methanol (CAS#67-56-1)	Oral LD ₅₀	Human	300 mg/kg
	Dermal LD ₅₀	Human	1000 mg/kg
	Inhalation LC ₅₀	Human	10 mg/l
Propylene Glycol (CAS#57-55-6)	Oral LD ₅₀	Rat	22000 mg/kg

Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitization	
Respiratory sensitization	No data available.
Skin sensitization	No data available.
Germ cell mutagenicity	Suspected of causing genetic defects.
Carcinogenicity	May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Titanium dioxide (CAS#13463-67-7)	2B "Possibly carcinogenic to humans".
Carbon black (CAS#1333-86-4)	2B "Possibly Carcinogenic to Humans".
Quartz (CAS#14808-60-7)	1 "Carcinogenic to humans".

NTP Report on Carcinogens

Titanium dioxide (CAS#13463-67-7)	Not listed.
Carbon black (CAS#1333-86-4)	Not listed.
Quartz (CAS#14808-60-7)	Known "Known to be a Human Carcinogen".

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None of the components in this product is listed.

Reproductive toxicity	No data available.
Specific target organ toxicity – single exposure	Causes damage to lungs, liver, kidney, central nervous system.
Specific target organ toxicity – repeated exposure	Causes damage to lungs through prolonged or repeated exposure.
Aspiration hazard	No data available.

12. Ecological information

Numerical measures of toxicity

Components	Test	Species	Test Results
Titanium dioxide (CAS#13463-67-7)	Crustacea EC ₅₀	Water flea (<i>Daphnia magna</i>)	>100 mg/l, 48 Hours
Methanol (CAS#67-56-1)	Fish EC ₅₀	Bluegill (<i>Lepomis macrochirus</i>)	12700 mg/l, 96 Hours
Propylene Glycol (CAS#57-55-6)	Crustacea LC ₅₀	Shrimp (<i>Mysidopsis bahia</i>)	18800 mg/l, 96 Hours

Persistence and degradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Not available
Other adverse effects	None known

13. Disposal considerations

Disposal instructions	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
-----------------------	---

Hazardous waste code

US RCRA Hazardous Waste F List : Reference Methyl alcohol (CAS 67-56-1) F039

US RCRA Hazardous Waste U List : Reference Methyl alcohol (CAS 67-56-1) U154

Contaminated packaging Do not re-use empty containers.

14. Transport information

In Accordance with DOT	Not regulated for transport.
In Accordance with IMDG	Not regulated for transport.
In Accordance with IATA	Not regulated for transport.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None of the components in this product is regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Calcium carbonate (CAS#1317-65-3)

Titanium dioxide (CAS#13463-67-7)

Methanol (CAS#67-56-1)

Carbon black (CAS#1333-86-4)

Quartz (CAS#14808-60-7)

CERCLA Hazardous Substance List (40 CFR 302.4)

Methanol (CAS 67-56-1) Listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard	- Yes
	Delayed Hazard	- Yes
	Fire Hazard	- Yes

Pressure Hazard - No
Reactivity Hazard - No

SARA 302/304 Extremely hazardous substance

None of the components in this product is listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Chemical Name	CAS number	% by wt.
Methanol	67-56-1	0-7

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Methanol (CAS 67-56-1)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not listed.

Safe Drinking Water Act (SDWA)

Not listed.

US State regulations WARNING: This product contains chemicals known to the State of California to cause cancer.

US. Massachusetts RTK – Substance List

Calcium carbonate (CAS#1317-65-3)

Titanium dioxide (CAS#13463-67-7)

Methanol (CAS#67-56-1)

Carbon black (CAS#1333-86-4)

Propylene Glycol (CAS#57-55-6)

Quartz (CAS#14808-60-7)

US. New Jersey Worker and Community Right-to-Know Act

Calcium carbonate (CAS 1317-65-3)

Titanium dioxide (CAS#13463-67-7)

Methanol (CAS 67-56-1)

Carbon black (CAS#1333-86-4)

Propylene Glycol (CAS 57-55-6)

Quartz (CAS#14808-60-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Calcium carbonate (CAS 1317-65-3)

Titanium dioxide (CAS#13463-67-7)

Methanol (CAS 67-56-1)

Carbon black (CAS#1333-86-4)

Propylene Glycol (CAS 57-55-6)

Quartz (CAS#14808-60-7)

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Carbon black (CAS#1333-86-4)

Quartz (CAS 14808-60-7)

Canada regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR).

WHMIS classification

D1B Materials Causing Immediate and Serious Toxic Effects

D2A Materials Causing Other Toxic Effects

D2B Materials Causing Other Toxic Effects



International Inventories

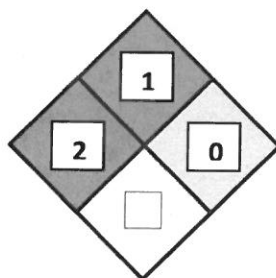
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non- Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing & New Chemical Substances (ENCS)	Yes
Korea	Existing Chemical List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals & Chemical Substances (PICCS)	Yes
United States & Puerto Rico	United States & Puerto Rico	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	09-23-2013
Revision date	07-23-2015
Version #	1
NFPA Ratings	



References

ACGIH: Documentation of the Threshold Limit Values and Biological Exposure indices
ECHA: European Chemicals Agency
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
NIOSH: The National Institute for Occupational Safety and Health
NTP: National Toxicology Program
NLM: Hazardous Substances Data Base
OECD : Organization for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration

Disclaimer: The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Because of conditions of use are beyond our control, no guarantee, representation or warranty expressed or implied is made. We urge each customer or recipient of this SDS to study it carefully to become aware of and understand the potential hazards associated with the product. Customary precautionary measures for handling chemicals should be followed.

Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. Since conditions for use of this product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Any use of the product not in conformance with this SDS or in combination with any other product or process is the responsibility of the user. Consult Ozark Materials, LLC for further information.